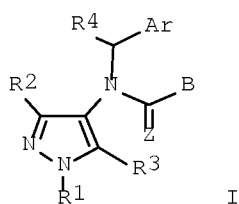


TITLE: Preparation of 4-acylaminopyrazole derivatives as agrochemicals  
 INVENTOR(S): Kajino, Hisaki; Morimoto, Munetsugu; Furuta, Satoru; Tanaka, Hisako; Tanaka, Harukazu; Ohnishi, Tohru  
 PATENT ASSIGNEE(S): Sankyo Company, Ltd., Japan  
 SOURCE: PCT Int. Appl., 985 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002023986	A2	20020328	WO 2001-JP7166	20010821 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001080099	A5	20020402	AU 2001-80099	20010821 <--
EP 1329160	A2	20030723	EP 2001-958383	20010821
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2002138082	A	20020514	JP 2001-252348	20010823 <--
PRIORITY APPLN. INFO.:			JP 2000-254809	A 20000825
			WO 2001-JP7166	W 20010821
OTHER SOURCE(S):			MARPAT 136:279449	
GI				



AB The title compds. I [R1 is hydrogen, optionally substituted C1-16 alkyl, or the like; R2 and R3 are each independently hydrogen, halogeno, optionally substituted C1-6 alkyl, or the like; R4 is hydrogen, C1-6 alkyl, or cyano; Z is oxygen or sulfur; Ar is optionally substituted C6-14 aryl or an optionally substituted 5- or 6-membered unsatd. heterocyclic group; and B is hydrogen, halogeno, optionally substituted C1-16 alkyl, or the like] are prepared Me N-(3-cyanobenzyl)-N-(1-isobutyl-3-methyl-1H-pyrazole)carbamate at 10 ppm gave  $\geq$  50% control of *Phytophthora infestans*.  
 IT 405545-51-9P 405545-53-1P 405545-54-2P  
 405545-55-3P 405545-56-4P 405545-57-5P

405545-58-6P 405545-59-7P 405545-60-0P

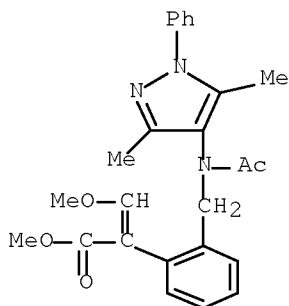
405545-68-8P 405546-72-7P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 4-acylaminopyrazole derivs. as agrochems.)

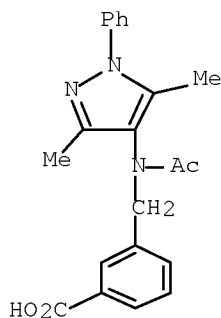
RN 405545-51-9 ZCAPLUS

CN Benzeneacetic acid, 2-[[acetyl(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)amino]methyl]- $\alpha$ -(methoxymethylene)-, methyl ester (9CI) (CA INDEX NAME)



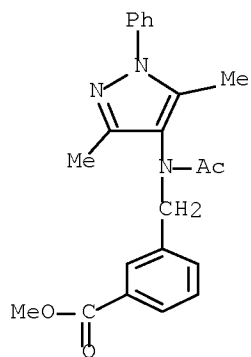
RN 405545-53-1 ZCAPLUS

CN Benzoic acid, 3-[[acetyl(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)amino]methyl]- (9CI) (CA INDEX NAME)



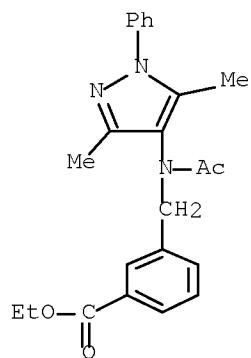
RN 405545-54-2 ZCAPLUS

CN Benzoic acid, 3-[[acetyl(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)amino]methyl]-, methyl ester (9CI) (CA INDEX NAME)



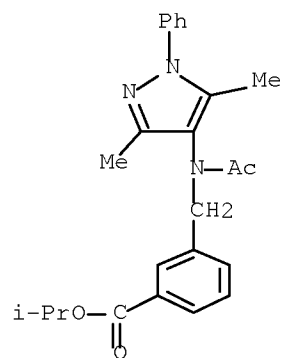
RN 405545-55-3 ZCAPLUS

CN Benzoic acid, 3-[[acetyl(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)amino]methyl]-, ethyl ester (9CI) (CA INDEX NAME)



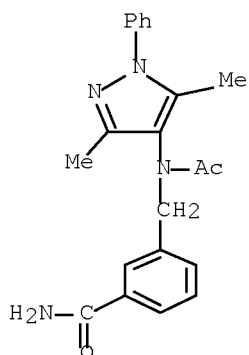
RN 405545-56-4 ZCAPLUS

CN Benzoic acid, 3-[[acetyl(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)amino]methyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)



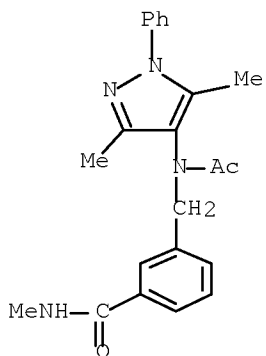
RN 405545-57-5 ZCAPLUS

CN Benzamide, 3-[[acetyl(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)amino]methyl]-  
(9CI) (CA INDEX NAME)



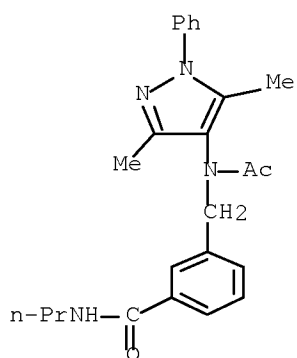
RN 405545-58-6 ZCAPLUS

CN Benzamide, 3-[[acetyl(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)amino]methyl]-  
N-methyl- (9CI) (CA INDEX NAME)



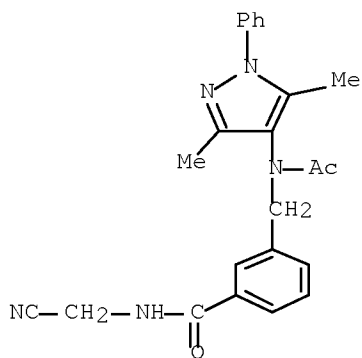
RN 405545-59-7 ZCAPLUS

CN Benzamide, 3-[[acetyl(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)amino]methyl]-  
N-propyl- (9CI) (CA INDEX NAME)



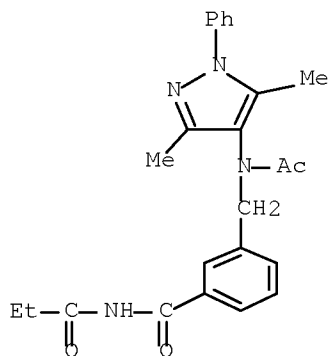
RN 405545-60-0 ZCAPLUS

CN Benzamide, 3-[[acetyl(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)amino]methyl]-N-(cyanomethyl)- (9CI) (CA INDEX NAME)



RN 405545-68-8 ZCAPLUS

CN Benzamide, 3-[[acetyl(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)amino]methyl]-N-(1-oxopropyl)- (9CI) (CA INDEX NAME)



RN 405546-72-7 ZCAPLUS

CN Benzoic acid, 3-[[[(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)(1-thioxoethyl)amino]methyl]-, ethyl ester (9CI) (CA INDEX NAME)

